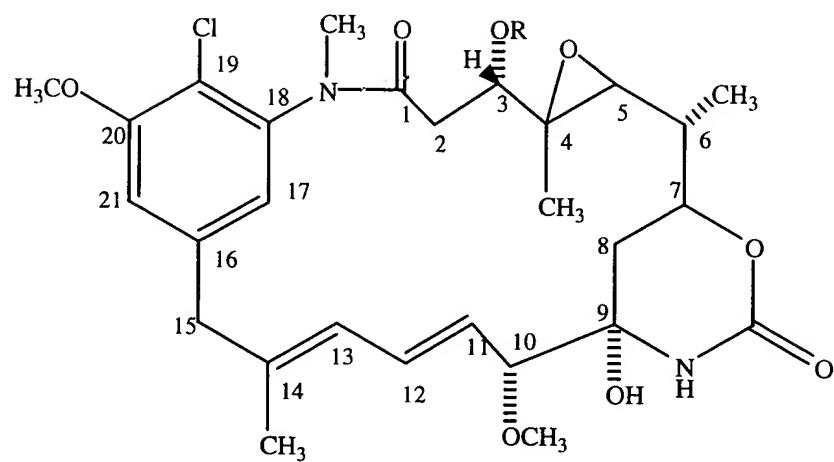


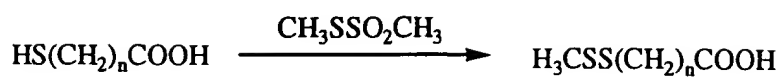
**FIG. 1**



1a  $\text{COCH}(\text{CH}_3)\text{N}(\text{CH}_3)\text{COCH}_3$

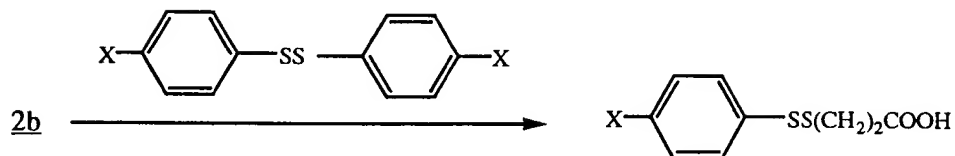
1b H

# FIG. 2

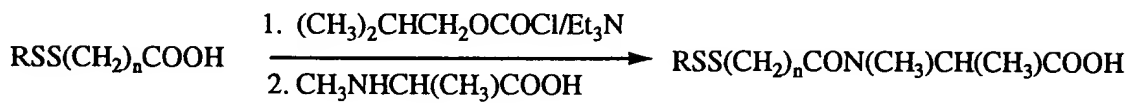


2    a    n = 1  
       b    n = 2  
       c    n = 3  
       d    n = 4

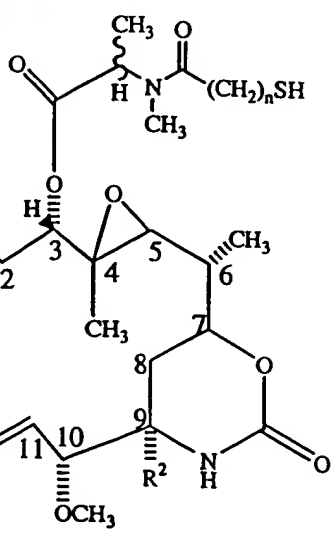
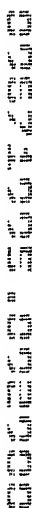
3    a    n = 1  
       b    n = 2  
       c    n = 3  
       d    n = 4



4    a    x = H  
       b    x = NO<sub>2</sub>

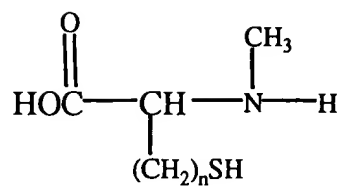


	n	R
<u>5</u> a	1	CH <sub>3</sub>
b	2	CH <sub>3</sub>
c	3	CH <sub>3</sub>
d	4	CH <sub>3</sub>
e	5	C <sub>6</sub> H <sub>5</sub>
f	6	p-NO <sub>2</sub> -C <sub>6</sub> H <sub>4</sub>



- |          |   |   |     |
|----------|---|---|-----|
|          |   | n |     |
| <u>7</u> | a | 1 | (L) |
|          | b | 2 | (L) |
|          | c | 3 | (L) |

FIG. 4a

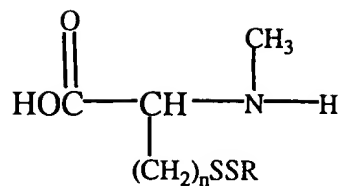


$n = 1-4$

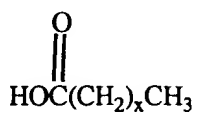
$n = 1$ : N-METHYLCYSTEINE

$n = 2$ : N-METHYLHOMOCYSTEINE

RSSR



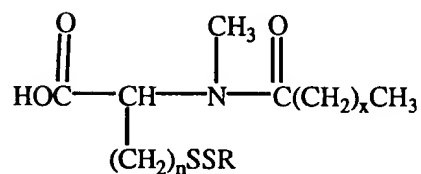
8  $\text{R} = \text{CH}_3, \text{HIGHER ALKYL, ARYL}$



$x = 0-10$

1.  $(\text{CH}_3)_2\text{CHCH}_2\text{OCOCi/Et}_3\text{N}$

2. 8



9  $x = 0-10$

$n = 1-4$

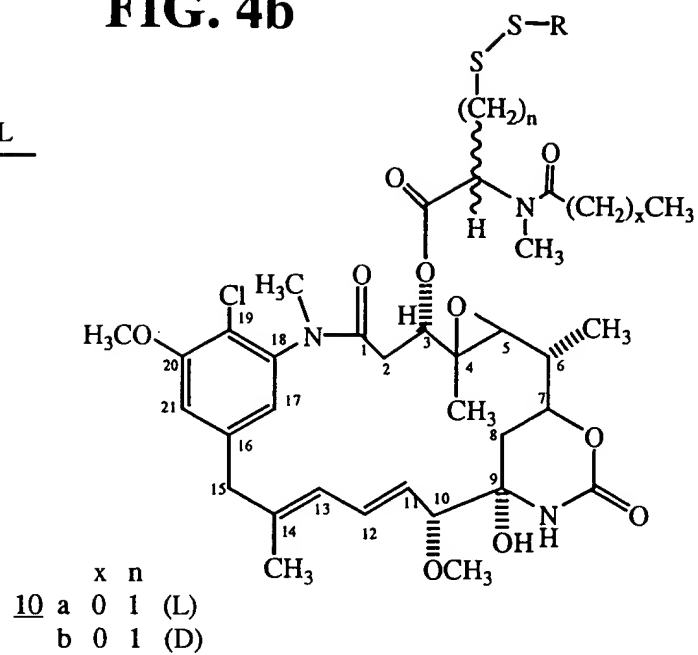
$\text{R} = \text{CH}_3, \text{HIGHER ALKYL, ARYL}$

FIG. 4b

2

MAYTANSINOL

DCC/ZnCl<sub>2</sub>



DTT

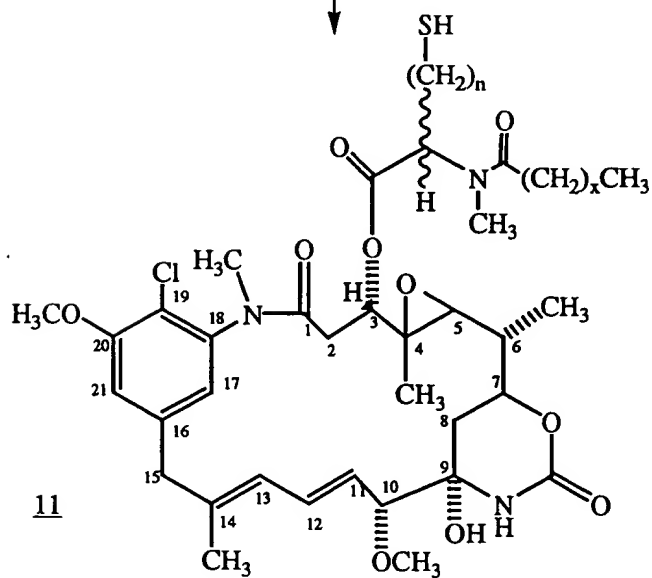


FIG. 5

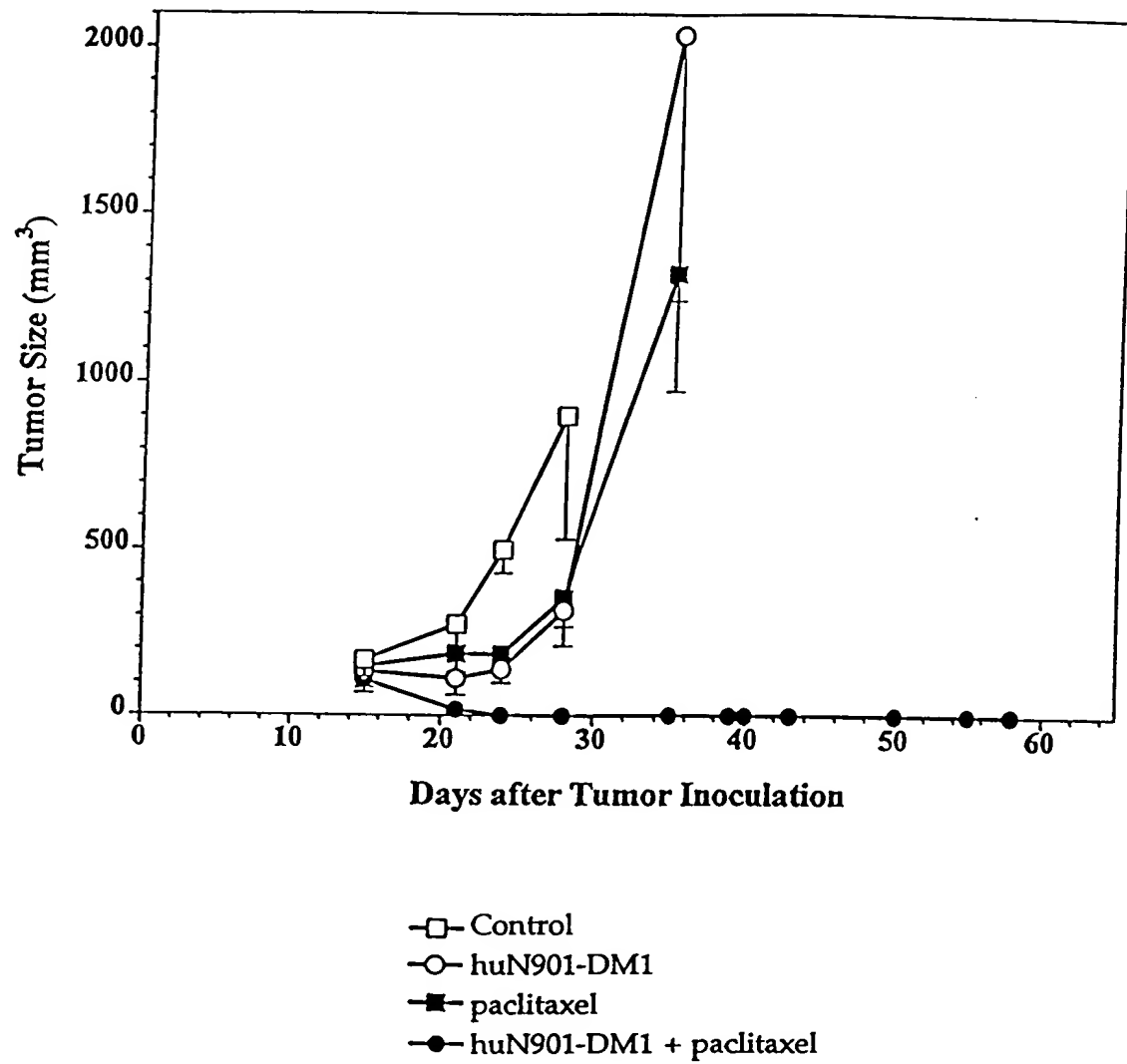
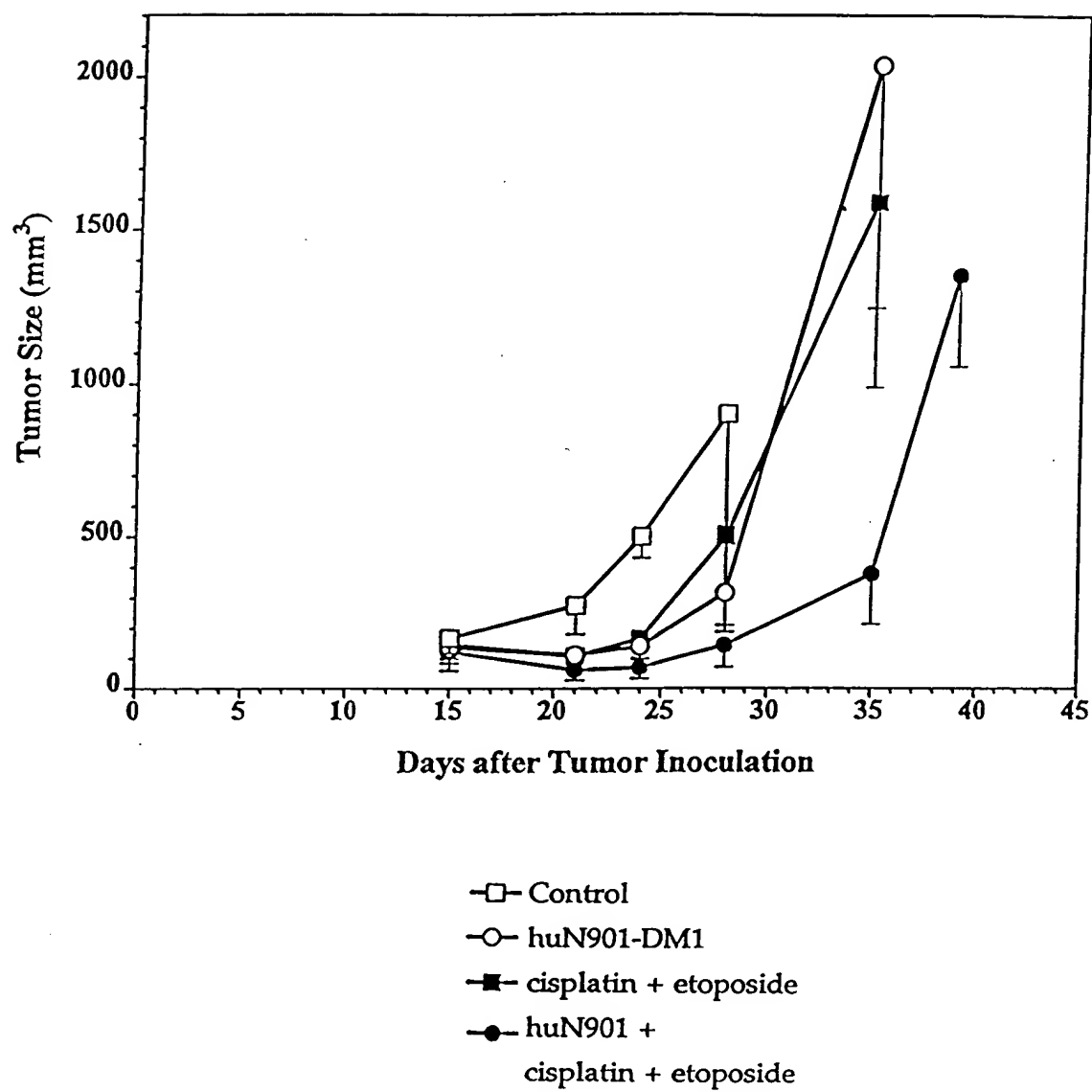


FIG. 6



**FIG. 7**

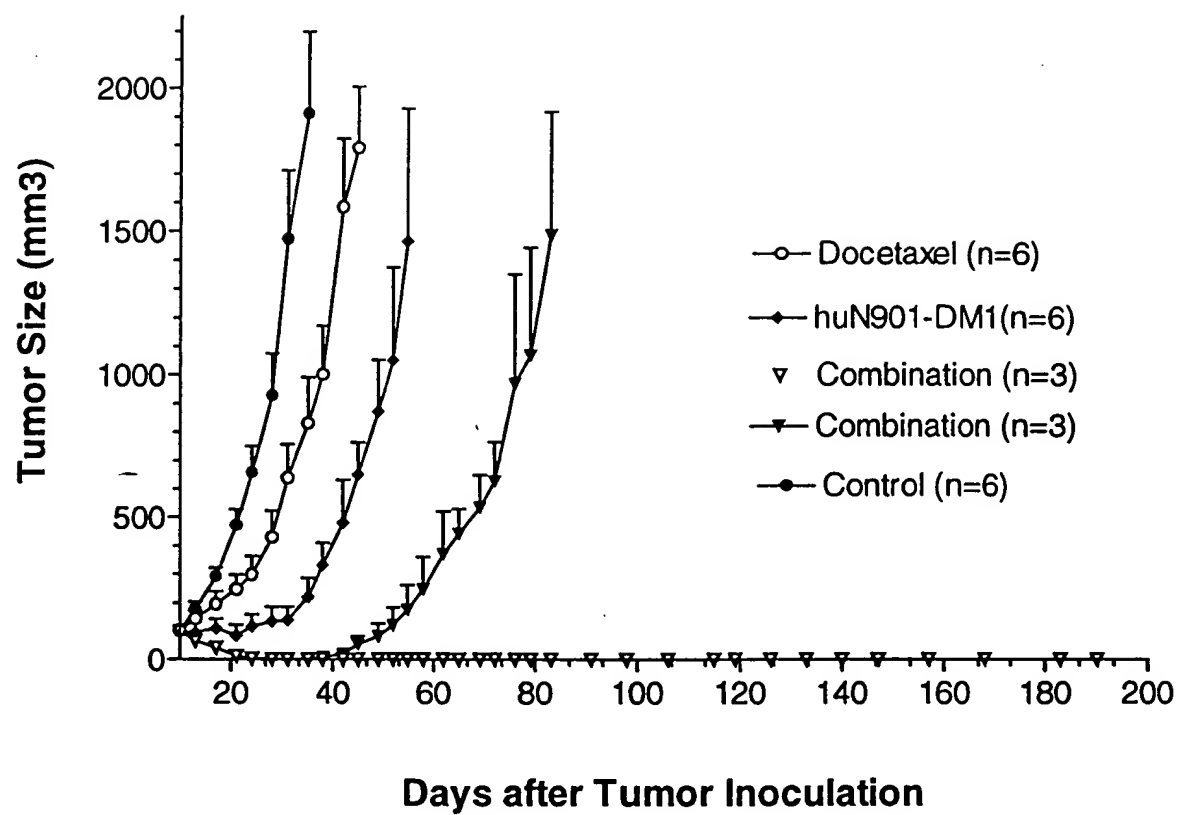




FIG. 8

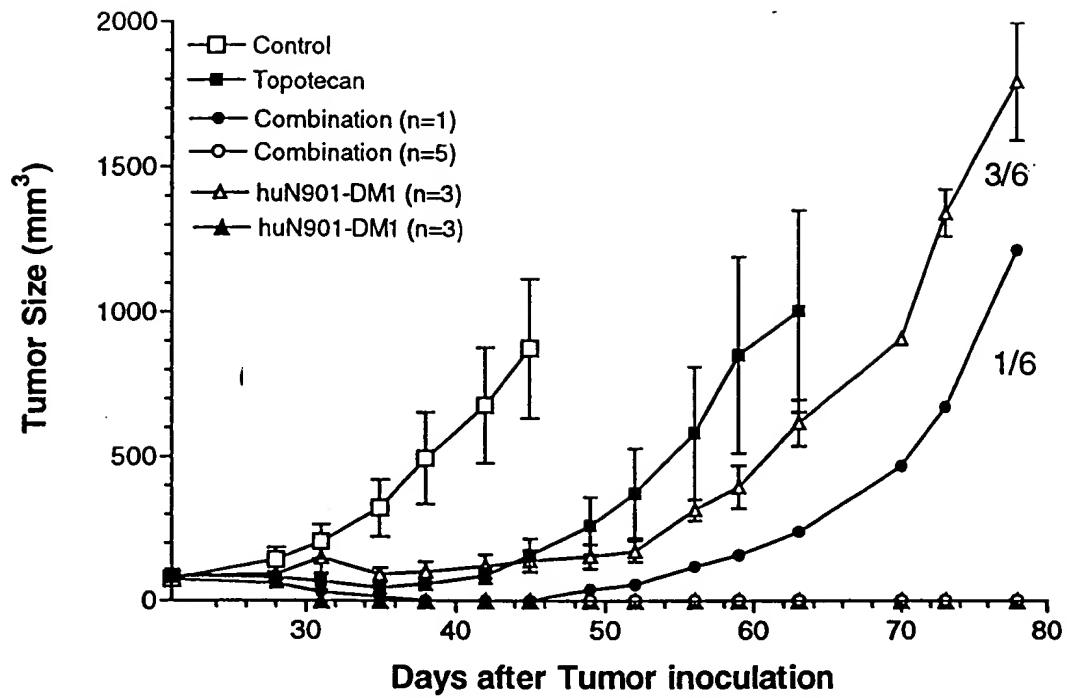


FIG. 9

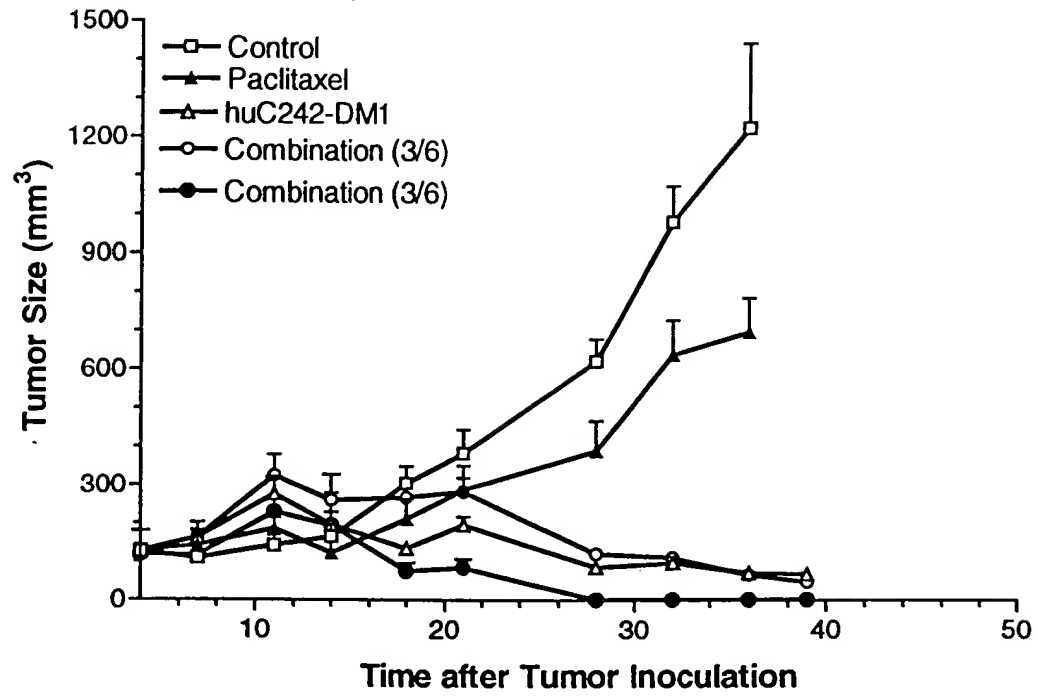


FIG. 10

